Hurricane Conference

March 8-9, 2007

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Welcome

Robert Fletcher

Moderator

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Opening Remarks

Glenn Cannon

Director

Response Division

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Opening Remarks

David Garratt

Director

Recovery Division

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Administrative Items

- Evacuation
  - Bathrooms
    - Breaks

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Objectives

- Provide updated information to participants
  - Reorganization
  - Operations
  - Mitigation
  - Recovery

- Share recent lessons learned from the Florida, Alabama and Georgia tornado response efforts
  - Region IV
  - Logistics

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Objectives *(cont'd)*

- Understand the specifics of responding to hurricanes and tropical storms
  - Primary and back-up Regions

- Everyone leaves with a common understanding of how the New FEMA will operate

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Agenda - Thursday

Opening Remarks

Introductions

Objectives

Deputy Director's Comments
Discussion

Operations: What is Going to be Different?

The "New" FEMA: Operations Today

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Agenda - Thursday *(cont'd)*

Panel Discussion

Mitigation: Pre- and Post-Event

How Will Logistics Be Different?
Discussion

Recovery Division – An Update
Discussion

Review – Discussion

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Ground Rules

- Everyone has an opportunity to speak and ask questions
- Be tolerant of others statements

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Introductions

Robert Fletcher

Moderator

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Deputy Director's Comments

VADM Harvey Johnson

Deputy Director

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Operations – What's Different

Bob Powers

Chief

Operations Branch

Response Division

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Insert – Place Holder

Bob Powers

Briefing

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The "New" FEMA – Operations Today

Mary Lynne Miller

Deputy Regional Director

Region IV

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Operations Today

Teams:

- Immediate Liaisons
- Faster ERT-A (Push)
- Broader Situational Awareness
  - MERS Communications Support
  - FIRST Team (Ground)
  - Quick Overflight – aircraft support
- Quick and accurate PDAs

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Operations Today

Logistics:

- Pre-event modeling/planning
- Pre-stage resources based on modeling
- Expect push of resources from HQ (Pre-dec)

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Operations Today

Facilities:

- Immediate DRCs – mobile first, then fixed
- Immediate JFOs

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The "New" FEMA in Practice

A Panel Discussion

Mary Lynne Miller
Deputy RD, R IV

Bob Powers
Chief, Operations Branch

Ginger Edwards
Operations, R IV

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Mitigation: Pre- and Post-Event

Maria Vorel

Chief
Region and Disaster Support
Mitigation Division

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Hazard Mitigation Defined

Any sustained action taken to reduce or eliminate long-term risk to human life and property from hazards

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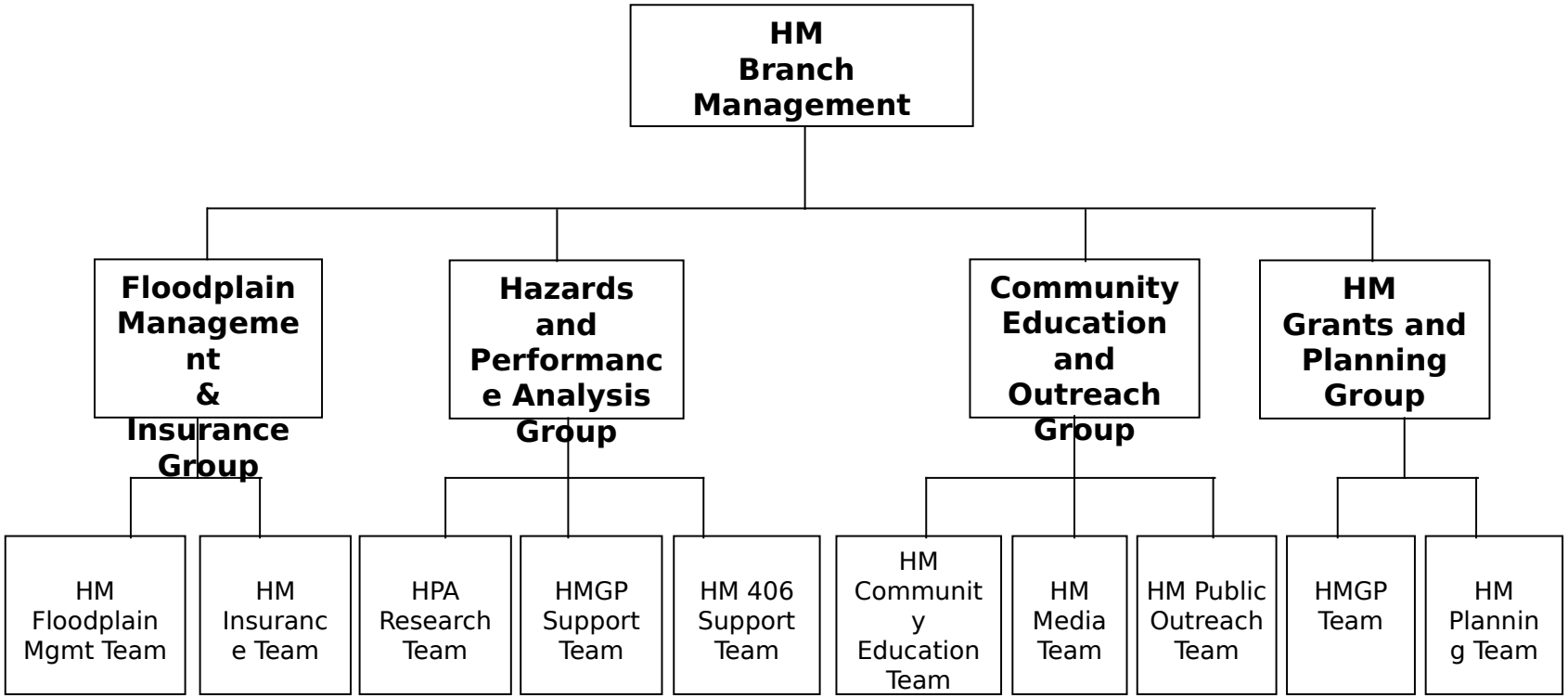
Hazard Mitigation Organizational Elements



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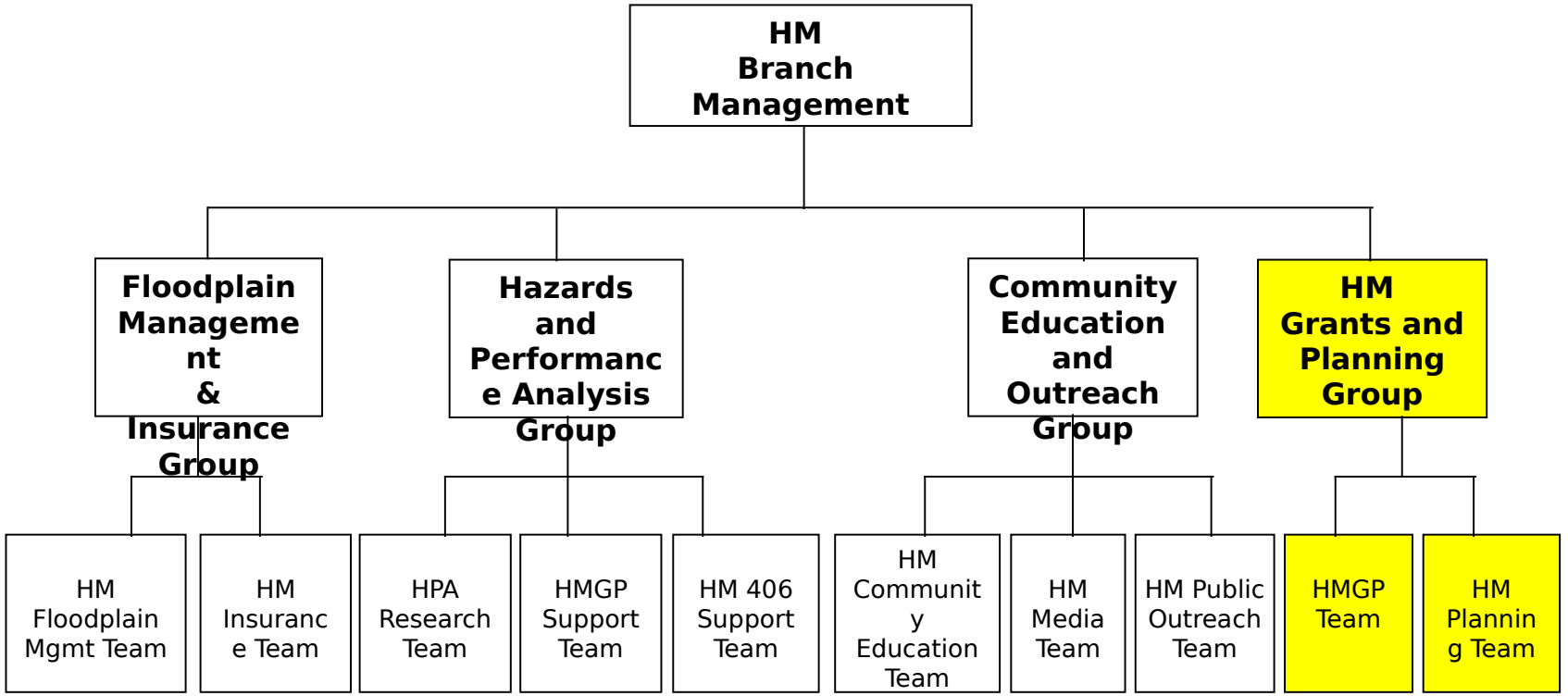
Grants and Planning Group



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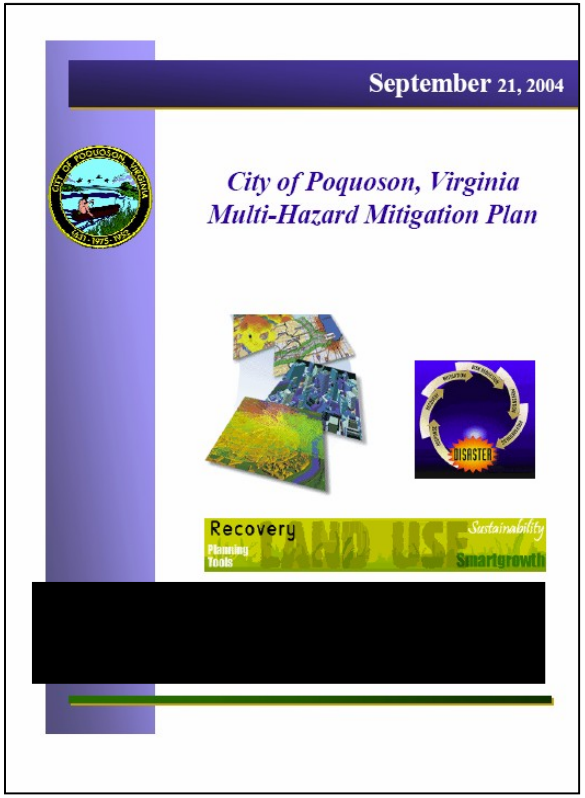
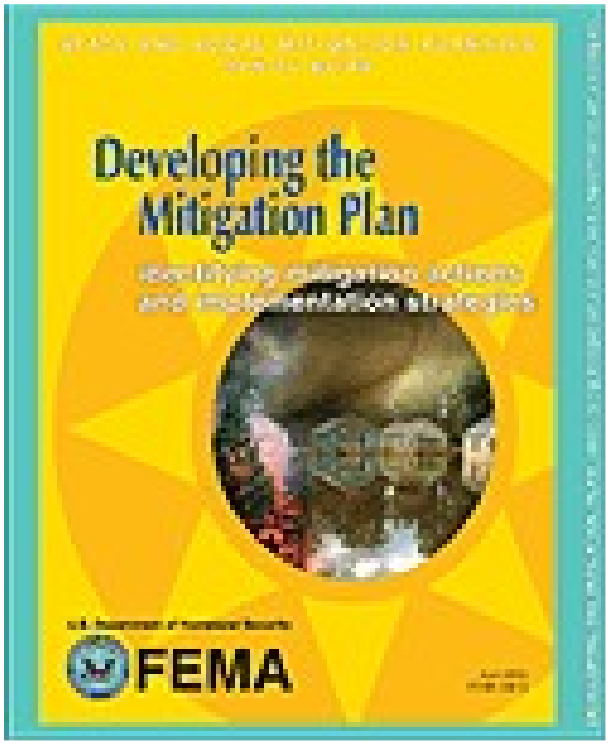
Planning





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404 Mitigation – HM Grant Program

Post-Disaster

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Natural Hazard Mitigation Saves

An Independent Study to Assess the Future Savings from Mitigation Activities

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Mitigation Grants

Grants have high benefit-cost ratios

- A dollar spent on mitigation saves society an average $4
- Results in significant net benefits to society in terms of future reduced losses

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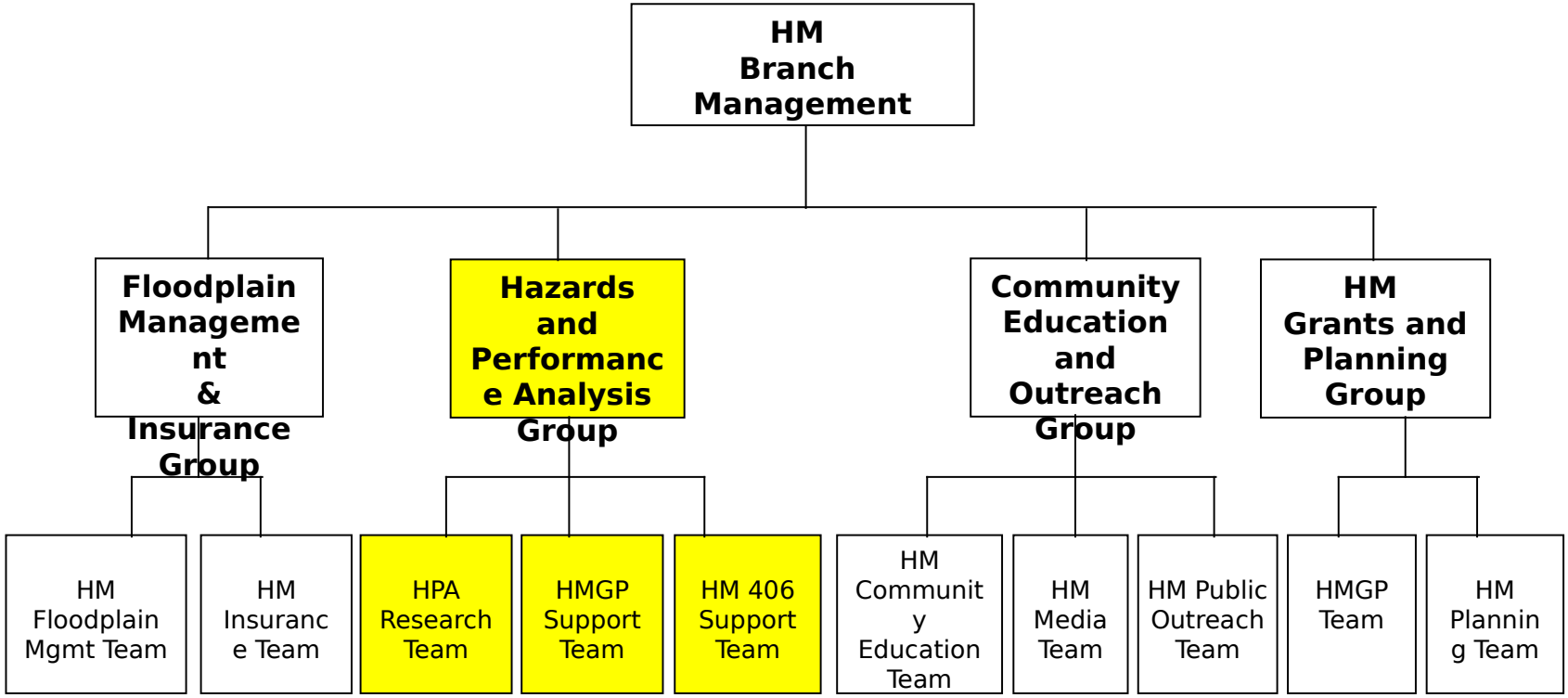
Hazards and Performance Analysis Group



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H&PA Group

- Analyze risk
- Document flood event
- Create technically more sound basis upon which to build back safer
  - Recovery Maps
  - ABFE

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H&PA Group

- Hazard Mitigation Assessment Teams (MATs)
- Assess damage to many types of structures (e.g., hospitals, police and fire stations, schools, government facilities, homes, businesses)
- Determine the causes of structural failures and

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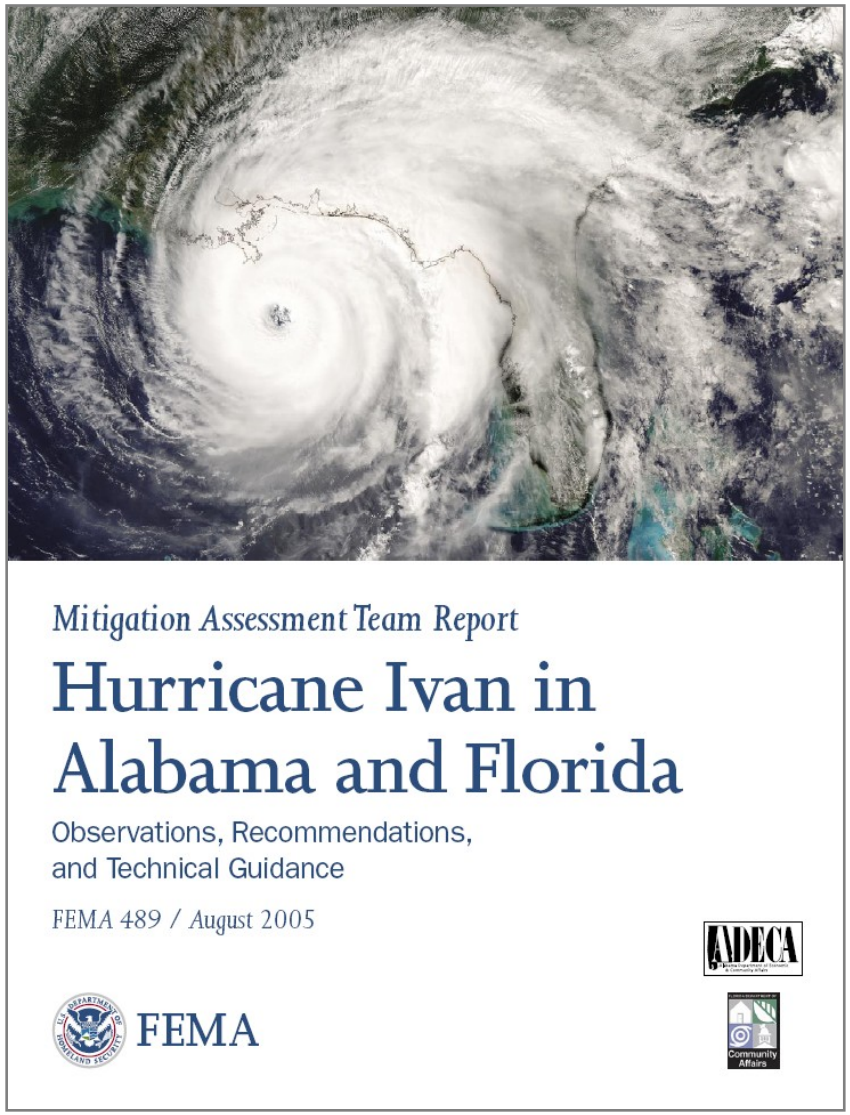
MAT Reports



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Technical Bulletins

Use of Connectors and Brackets

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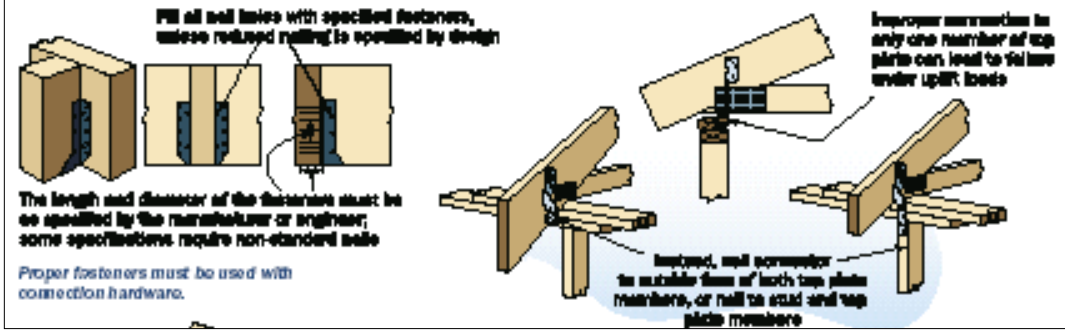
www.fema.gov

HOME BUILDER'S GUIDE TO COASTAL CONSTRUCTION — Technical Fact Sheet No. 17

Purpose: To highlight important building connections and illustrate the proper use of various types of connection hardware.

Key Issues

- In high-wind regions, special hardware is used for most framing connections. Toe-nailing is not an acceptable method for resisting uplift loads in high-wind regions.
- Hardware must be installed according to the manufacturer's or engineer's specifications.
- The correct number of the specified fasteners (length and diameter) must be used with connection hardware.
- Avoid cross-grain tension in connections.
- Metal hardware must be adequately protected from corrosion (see NFIP Technical Bulletin 8-96).
- Connections must provide a continuous load path (see Fact Sheet No. 10).


Fill all nail holes with specified fasteners, unless reduced nailing is specified by design
The length and diameter of the fasteners must be as specified by the manufacturer or engineer; some specifications require non-standard nails
Improper connection in only one member of top plate can lead to failure under uplift loads
Instead, nail connector to suitable lines of both top plate members, or nail to stud and top plate members

Proper fasteners must be used with connection hardware.

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Repetitive Loss Database

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406 Mitigation

- Public Assistance program
- HPA assists by identifying and describing mitigation opportunities

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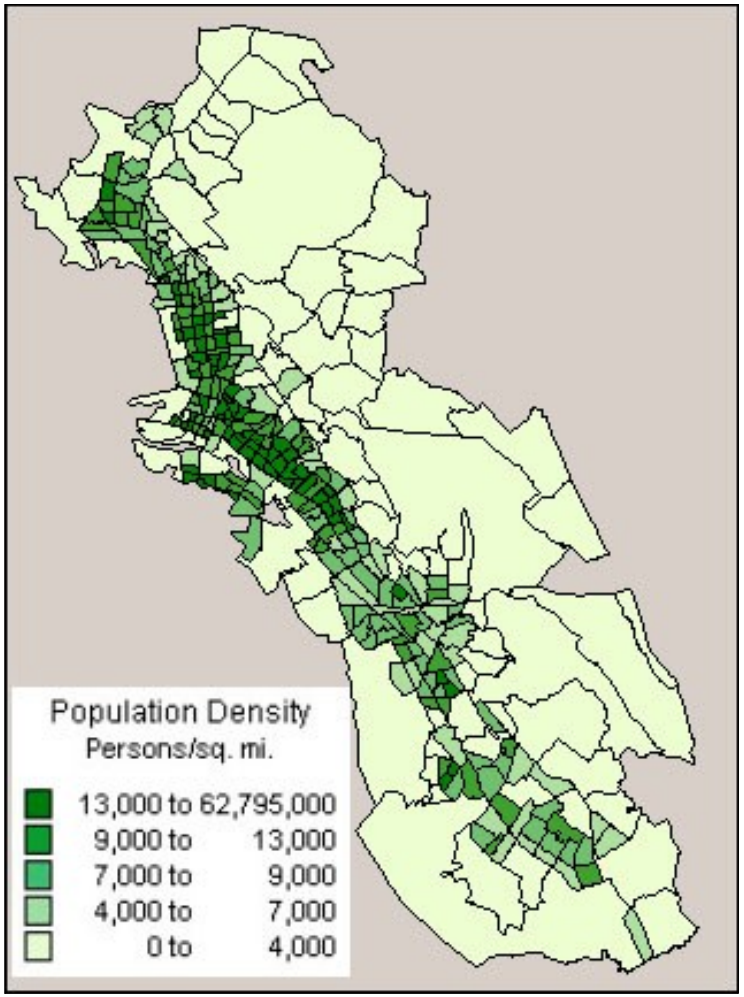
HAZUS – MH

GIS software package that uses census tract and other data to estimate damage and losses



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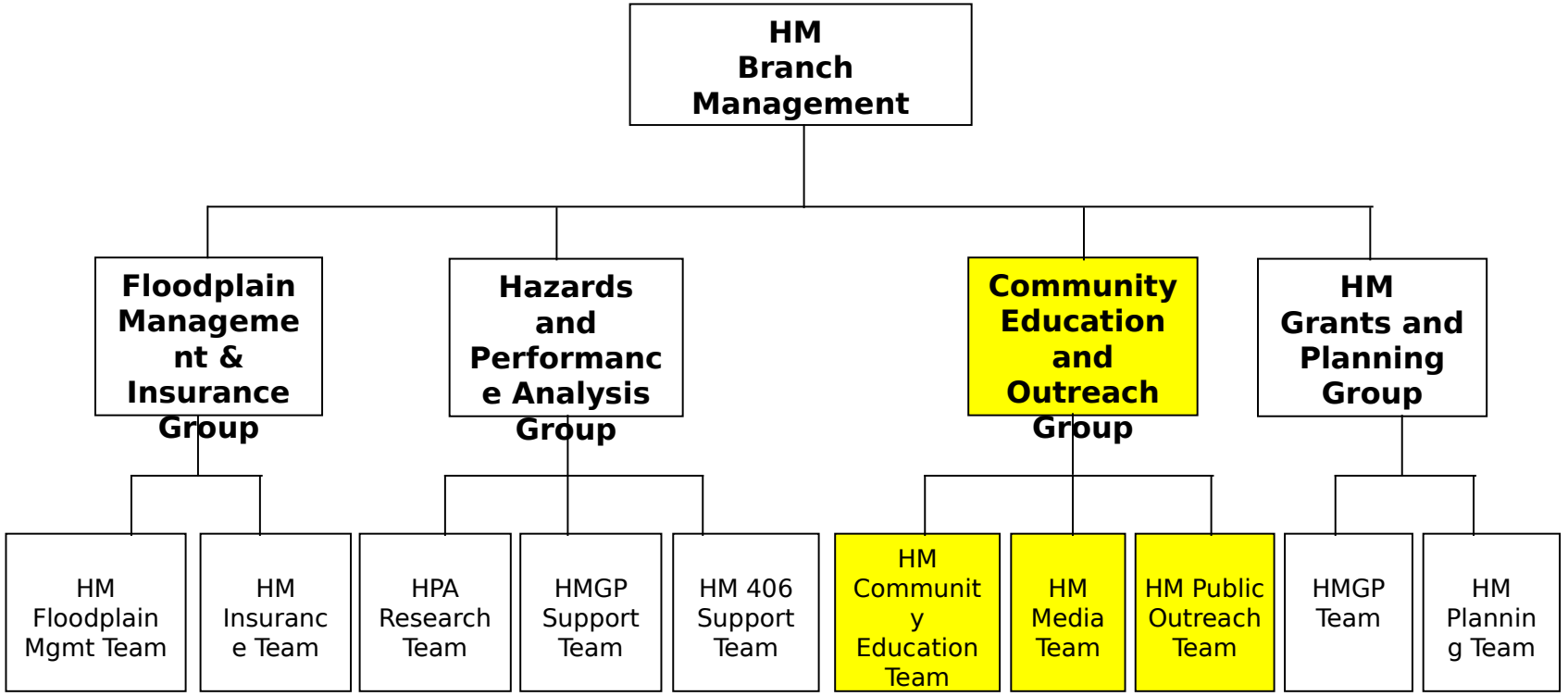
Community Education and Outreach Group



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Group Mission and Initiatives

- Promote effective hazard mitigation which supports the State's objectives
- Utilize community outreach, training and coordination with the public and private sectors
- Provide staff to DRCs

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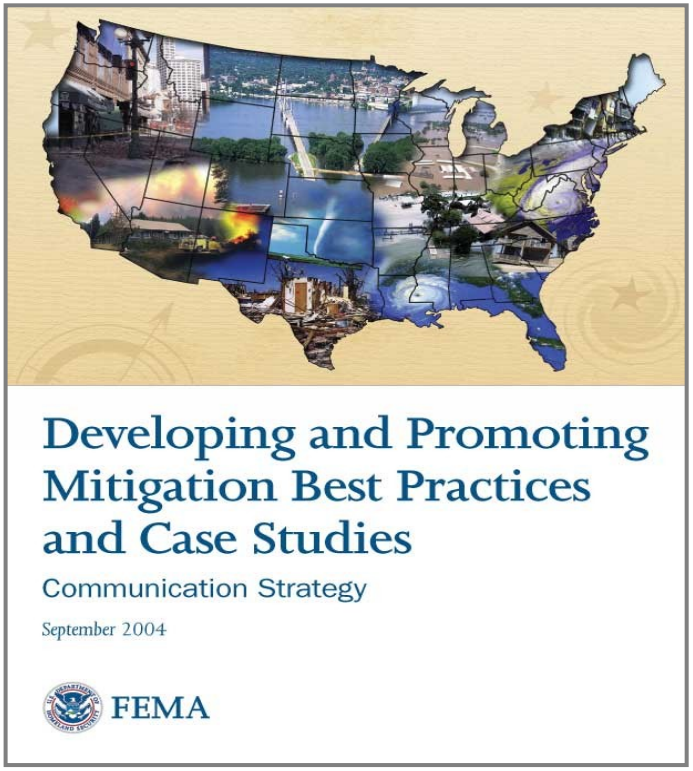
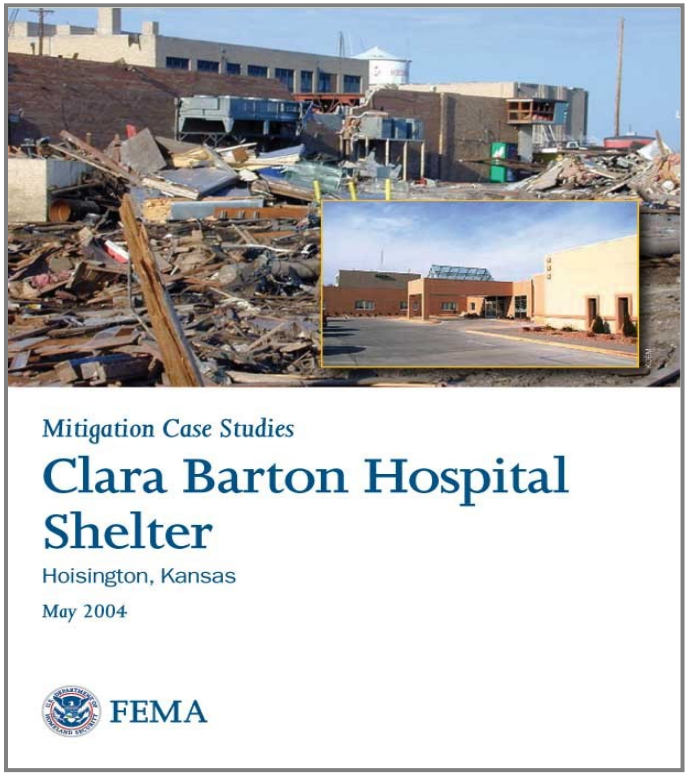
Best Practices and Case Studies





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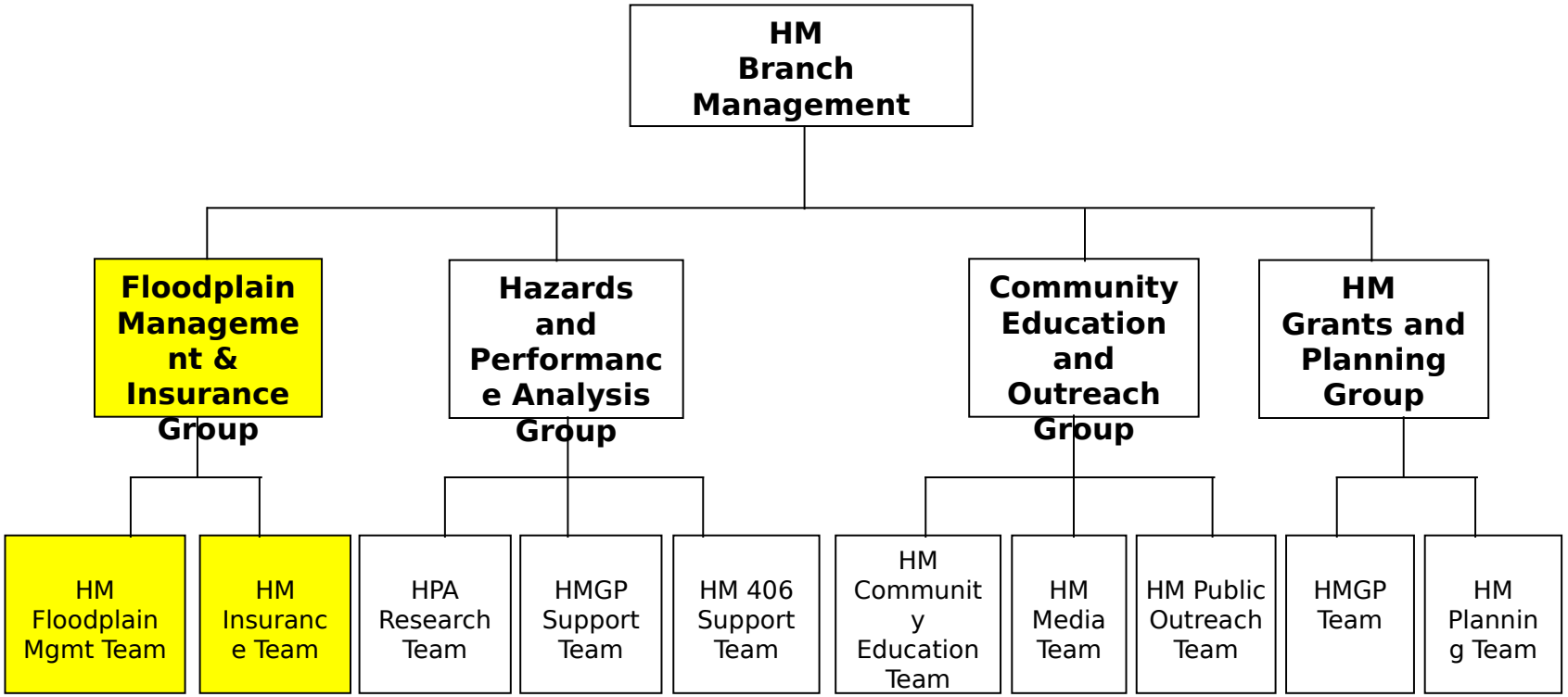
Floodplain Management & Insurance Group



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Floodplain Management

- Community adopts and enforces a floodplain management ordinance
- Community implements standards that meet or exceed NFIP criteria
- Substantially damaged structures rebuilt to floodplain ordinance

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Flood Insurance

www.fema.gov/business/nfip

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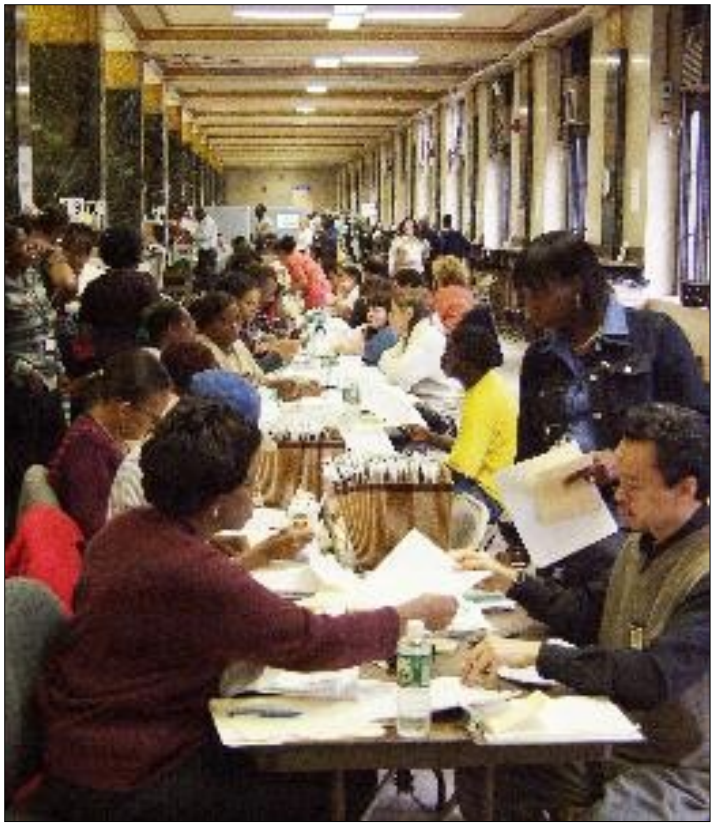
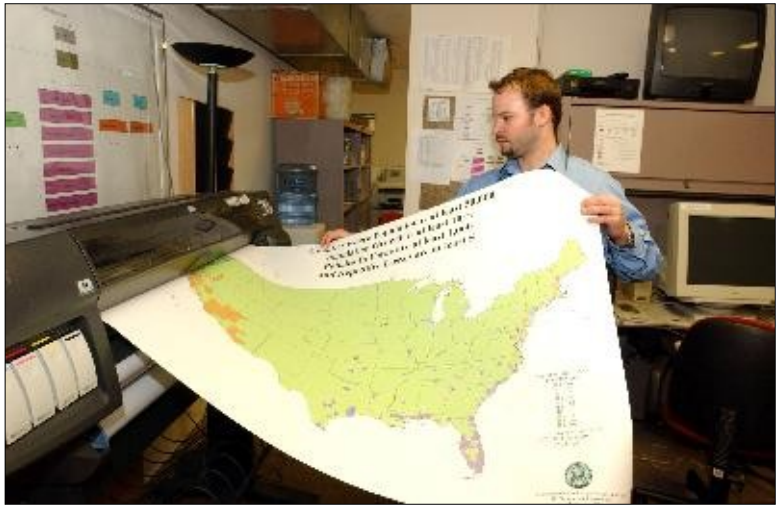
Flood Insurance Information





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Summary

- Hazard Mitigation Grants and Planning
- Floodplain Management and Insurance
- Community Education and Outreach
- Hazards and Performance

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Conclusion

- Reduced loss of life and property
- Minimal disruption of individual lives
- Reduced financial burden

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How Will Logistics Be Different?

Mark Snyder

Chief

Logistics Branch

Response Division

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Insert – Place Holder

Snyder-Cooper

Briefing

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Recovery Division: Next Steps

David Garratt

Acting Director
Recovery Division

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Review and Discussion

Robert Fletcher

Moderator

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